BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:- Modified Estimate for the work of Construction of Stree shakti Bhavana in ward No- 01 of yelahanka Sub division.

Modified Cost:- 15.435 Lakhs

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Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (P5/2.1)	Cum							
	Lowering Levelling		1	7.50	7.20	0.15	8.10		
							8.10	150.00	1215.00
2	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2014-15	cum							
	central line		1	25.00	0.90	0.85	19.13		
	For columns		7	1.20	1.20	1.15	11.59		
							30.72		
	Deduction for columns portion		7	1.20	0.90	0.90	6.80		
							23.91	180.00	4304.00

3	KSRB-4-1.1 : Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC cement @ 180 kgs with using 40mm and down size graded granite metal machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2014-15	cum							
	central line		1	25.00	0.90	0.15	3.38		
	For columns		7	1.20	1.20	0.15	1.51		
	Flooring		1	6.20	4.90	0.15	4.56		
			1	4.00	1.80	0.15	1.08		
			1	2.50	1.20	0.15	0.45		
							10.97		
	Deduction for columns portion		7	1.20	0.90	0.15	1.13		
							9.84	4990.00	49095.60
					A)Up to125% of quantity		3.51	4990.00	17527.00
					B)Above 125% of quantity		6.33	4988.96	31568.00
	Basic Rate	4488.00							
	Area Weightage @ 6%	269.28							
	Total	4757.28							
	Tender premium(+4.87%)	231.68							
		4988.96							
4	KSRB 5.2-2 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with mud mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2014-15	cum							
	1st footing of central line		1	25.00	0.75	0.35	6.56		
	2nd footing		1	25.00	0.60	0.45	6.75		
							13.31		
	Deduction for columns portion		7	1.20	0.75	0.35	2.21		
			7	1.20	0.60	0.20	1.01		
			7	0.45	0.23	0.25	0.18		
							4.55		
							8.77	3944.00	34622.00
					A)Up to125% of quantity		7.20	3949.00	28433.00
					B)Above 125% of quantity		1.57	3948.48	6189.00

	Basic Rate	3552.00							
	Area Weightage @ 6%	213.12							
	Total	3765.12							
	Tender premium(+4.87%)	183.36							
		3948.48							
5	KSRB 5.3-3 , Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 25/ Item No. 5.9/ SR 2014-15	cum							
	central line		1	25.00	0.45	0.45	5.06		
	Deduction for columns portion		7	0.45	0.23	0.45	5.06		
							0.33		
6	KSRB 15.1.1: Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.1 / PWD SR 2014-15	sqm					4.74	4676.00	22148.00
	For Basement in out side		1	25.00		0.40	10.00		
							10.00	94.00	940.00
7	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. No.12/ Item No. 4.6/ PWD SR 2014-15	cum							
	coping		1	25.00	0.45	0.15	1.69		
	Flooring		1	6.20	4.90	0.15	4.56		
			1	4.00	1.80	0.15	1.08		
			1	2.50	1.20	0.15	0.45		
							7.77	5285.00	42.625.00
		A)Up to125% of quantity					1.75	5485.00	9599.00

							B)Above 125% of quantity	6.02	5483.63	33036.00
	Basic Rate	4933.00								
	Area Weightage @ 6%	295.98								
	Total	5228.98								
	Tender premium(+4.87%)	254.65								
		5483.63								
8	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2014-15	cum								
							Quantity vide iten no-02	23.91		
								23.91	120.00	2870.00
9	KSRB 6-2.2 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, Page No. 27/ Item No. 6.5/ PWD SR 2014-15	cum								
	A)Ground floor:-BBM for wall		1	25.00	0.23	3.00	17.25			
	Varandah support wall		1	7.50	0.23	0.45	0.78			
							18.03			
	Deductions									
	Door		1	0.90	0.23	2.10	0.43			
	W		3	0.90	0.23	1.20	0.75			
	Columns		7	0.23	0.23	2.55	0.94			
	Plinth beam		1	25.00	0.23	0.30	1.73			
	Lintel beam		1	25.00	0.23	0.15	0.86			
	Tie beam		1	25.00	0.23	0.30	1.73			
							6.44			
							11.59	6331.00	73374.00	
	B)First floor:-BBM for wall		1	25.00	0.23	3.00	17.25			
	Parapet wall		1	21.50	0.12	0.75	1.94			
							19.19			
	Deductions									
	Door		1	0.90	0.23	2.10	0.43			

	W		3	0.90	0.23	1.20	0.75		
	Columns		7	0.23	0.23	2.55	0.94		
	Parapet columns		7	0.23	0.12	0.75	0.14		
	Lintel beam		1	25.00	0.23	0.15	0.86		
	Tie beam		1	25.00	0.23	0.30	1.73		
							4.86		
							14.33	6385.16	91489.00
	Basic Rate	5694.00							
	Lift charges	50.00							
		5744.00							
	Area Weightage @ 6%	344.64							
	Total	6088.64							
	Tender premium(+4.87%)	296.52							
		6385.16							
10	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	cum							
	A)Ground floor:-Footings		7	1.20	1.20	0.75	7.56		
	Columns		7	0.45	0.23	0.85	2.68		
	Plinth beam		1	25.00	0.23	0.30	1.73		
	Columns		7	0.45	0.23	2.10	6.62		
	Lintel beam		1	25.00	0.23	0.15	0.86		
	Columns		7	0.45	0.23	0.45	1.42		
	Tie beam		1	25.00	0.23	0.30	1.73		
			1	4.90	0.23	0.45	0.51		
	Roof		1	6.80	5.40	0.15	5.51		
			1	1.80	1.20	0.15	0.32		

			1	3.30	0.90	0.15	0.45		
	staire case waist slab in 1st flight		1	3.50	0.90	0.12	0.38		
	Landing		1	1.30	0.90	0.12	0.14		
			1	1.00	0.90	0.12	0.11		
	2nd flight		1	2.40	0.90	0.12	0.26		
	Steps	0.5	20	0.90	0.25	0.15	2.25		
							32.50	6244.00	202947.00
	B)First floor:-Columns		7	0.45	0.23	2.10	6.62		
	Lintel beam		1	25.00	0.23	0.15	0.86		
	Columns		7	0.45	0.23	0.45	1.42		
	Tie beam		1	25.00	0.23	0.30	1.73		
			1	4.90	0.23	0.45	0.51		
	Parapet columns		7	0.45	0.23	0.75	2.36		
	Roof		1	6.80	5.40	0.15	5.51		
			1	3.40	1.80	0.15	0.92		
	staire case waist slab in 3rd flight		1	2.30	0.90	0.12	0.25		
	Landing		1	1.05	1.80	0.12	0.23		
	4th flight		1	2.40	0.90	0.12	0.26		
	Steps	0.5	17	0.90	0 25	0.15	1.91		
							22.56	6298.45	142109.00
	Basic Rate	5616.00							
	Lift charges	50.00							
		5666.00							
	Area Weightage @ 6%	339.96							
	Total	6005.96							
	Tender premium(+4.87%)	292.49							
		6298.45							
11	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of mix 1:1, 5:3 with 12 mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 Page No. 14/ Item No. 4.19/ PWD SR 2014-15	sqm							
	A)Ground floor:-for chajja		1	3.60		0.45	1.62		
			1	1.20		0.45	0.54		
							2.16	470.00	1015.00
	B)First floor:-for chajja		1	3.60		0.45	1.62		
			1	1.20		0.45	0.54		
							2.16	471.33	1018.00
	Basic Rate	424.00							
	Area Weightage @ 6%	25.44							
	Total	449.44							
	Tender premium(+4.87%)	21.89							
		471.33							

12	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P14/4.28)	Sqm							
	footings		28	1.20		0.75	25.20		
							25.20	243.45	6135.00
	Basic Rate	219.00							
	Area Weightage @ 6%	13.14							
	Total	232.14							
	Tender premium(+4.87%)	11.31							
		243.45							
13	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P15/4.32)	Sqm							
	A)Ground floor:- Columns:		14	0.45		3.40	21.42		
			14	0.23		3.40	10.95		
	Basic Rate	338.00					32.37	375.73	12162.00
	Area Weightage @ 6%	20.28							
	Total	358.28							
	Tender premium(+4.87%)	17.45							
		375.73							
	B)first floor:- Columns:		14	0.45		3.30	20.79		
			14	0.23		3.30	10.63		
	Basic Rate	338.00					31.42	397.96	12502.00
	Lift charges	20.00							
		358.00							
	Area Weightage @ 6%	21.48							
	Total	379.48							
	Tender premium(+4.87%)	18.48							
		397.96							

14	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.34/ PWD SR 2014-15	Sqm							
	A)Ground floor:-Plinth beam		2	25.00		0.30	15.00		
	Lintel beam		2	25.00		0.15	7.50		
	Tie beam		2	25.00		0.30	15.00		
			2	4.90		0.45	4.41		
			1	4.90	0.23		1.13		
							43.04	268.00	11534.00
	A)Ground floor:-Lintel beam		2	25.00		0.15	7.50		
	Tie beam		2	25.00		0.30	15.00		
			2	4.90		0.45	4.41		
			1	4.90	0.23		1.13		
							28.04	290.13	8134.00
	Basic Rate	241.00							
	Lift charges	20.00							
		261.00							
	Area Weightage @ 6%	15.66							
	Total	276.66							
	Tender premium(+4.87%)	13.47							
		290.13							
15	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.37/ PWD SR 2014-15	sqm							
	A)Ground floor:-for chajja		1	3.60		0.45	1.62		
			1	1.20		0.45	0.54		
							2.16	278.00	600.00
	B)First floor:-for chajja		1	3.60		0.45	1.62		
			1	1.20		0.45	0.54		
							2.16	277.91	600.00
	Basic Rate	250.00							
	Area Weightage @ 6%	15.00							
	Total	265.00							
	Tender premium(+4.87%)	12.91							
		277.91							

16	KSRB 4-6.2 :' Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.28/ PWD SR 2014-15	sqm							
	A)Ground floor:-For Roof		2	4.90	3.00		29.40		
			1	1.80	1.20		2.16		
			1	3.30	0.90		2.97		
	staire case waist slab in 1st flight		1	3.50	0.90		3.15		
	Landing		1	1.30	0.90		1.17		
			1	1.00	0.90		0.90		
	2nd flight		1	2.40	0.90		2.16		
							41.91	323.00	13537.00
	B)First floor:-For Roof		2	4.90	3.00		29.40		
			1	3.40	1.80		6.12		
	staire case waist slab in 3rd flight		1	2.30	0.90		2.07		
	Landing		1	1.05	1.80		1.89		
	4th flight		1	2.40	0.90		2.16		
							41.64	345.71	14396.00
	Basic Rate	291.00							
	Lift charges	20.00							
		311.00							
	Area Weightage @ 6%	18.66							
	Total	329.66							
	Tender premium(+4.87%)	16.05							
		345.71							
17	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2014-15,	Quintal							
	Columns Footings		7.56	kg/cum	45.00		340.20		
	Columns		11.81	kg/cum	110.00		1299.38		

	Plinth Beams		1.73	kg/cum	100.00		172.50		
	Lintels		1.73	kg/cum	75.00		129.38		
	Beams		4.46	kg/cum	105.00		468.75		
	Roof		12.70	kg/cum	85.00		1079.80		
	Chajja		4.32	kg/sqm	30.00		129.60		
	For stair case		1.62	kg/sqm	120.00		194.40		
							3814.00		
18	Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 (P.45/I.7.26)	sqm					38.14	7610.00	290245.00
	A)Ground floor:-Door		1	0.90		2.10	1.89		
							1.89	3891.00	7353.99
	B)First floor:-Door		1	0.90		2.10	1.89		
	Basic Rate	3500.00					1.89	3896.24	7364.00
	Lift charges	5.00							
		3505.00							
	Area Weightage @ 6%	210.30							
	Total	3715.30							
	Tender premium(+4.87%)	180.94							
		3896.24							

19	Providing and fixing cold rolled perepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanished on both sides 120gms/sq.mtr. Primer coat upto 5microns with thermosetting epoxy resin and finish painted with a polyester based paint 20microns thick. The size of profiles in approximately 46x52mm for external formes, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated.									
	4mm tinted glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizonatally at 125mm C/C by revetting to the external frame. The abovve frames are fixed to the conccrete / masonry walls by means of self expanding screws." (P.36 / I. 7.24.1)	sqm								
	A)Ground floor:-W		3	0.90		1.20	3.24			
							3.24	3891.00	12607.00	
	B)First floor:-w		3	0.90		1.20	3.24			
	Basic Rate	3520.00					3.24	3918.47	12696.00	
	Lift charges	5.00								
		3525.00								
	Area Weightage @ 6%	211.50								
	Total	3736.50								
	Tender premium(+4.87%)	181.97								
		3918.47								

20	KSRB 10-2: Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface									
	for terrace area		1	6.40	4.90		31.36			
							31.36			
					A)Up to125% of quantity		27.29	901.00	24586.00	
					B)Above 125% of quantity		4.07	901.53	3671.00	
	Basic Rate	811.00								
	Area Weightage @ 6%	48.66								
	Total	859.66								
	Tender premium(+4.87%)	41.87								
		901.53								
21	KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. . Page No. 109/ Item No. 15.10 / PWD SR 2014-15	sqm								
	External plastering:-A)G. floor:-		2	6.80		3.15	42.84			
			2	5.40		3.15	34.02			
			2	1.80		3.15	11.34			

	Chejjas		2	3.60	0.45		3.24		
			2	1.20	0.45		1.08		
							92.52		
	Deductions								
	D		1	0.90		2.10	1.89		
	W		3	0.90		1.20	3.24		
							5.13		
							87.39	901.00	78738.00
	First floor:-		2	6.80		3.90	53.04		
			2	5.40		3.90	42.12		
			2	1.80		3.90	14.04		
	Chejjas		2	3.60	0.45		3.24		
			2	1.20	0.45		1.08		
	Parapet inside		2	6.20		0.75	9.30		
			2	4.90		0.75	7.35		
							130.17		
	Deductions								
	D		1	0.90		2.10	1.89		
	W		3	0.90		1.20	3.24		
							5.13		
							125.04	166.74	20850.00
	Basic Rate	147.00							
	Lift charges	3.00							
		150.00							
	Area Weightage @ 6%	9.00							
	Total	159.00							
	Tender premium(+4.87%)	7.74							
		166.74							
22	KSRB 15.3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. . Page No. 109/ Item No. 15.11 / PWD SR 2014-15	sqm							
	A)G. floor:-		2	6.20		3.00	37.20		
			2	4.90		3.00	29.40		
	Deductions						66.60		
	D		1	0.90		2.10	1.89		
	W		3	0.90		1.20	3.24		
							5.13		
	B)fist floor:-		2	6.20		3.00	61.47	148.00	9098.00
			2	4.90		3.00	37.20		
	Deductions						29.40		
	D		1	0.90		2.10	66.60		
							1.89		

	W		3	0.90		1.20	3.24		
							5.13		
							61.47	151.18	9293.00
	Basic Rate	133.00							
	Lift charges	3.00							
		136.00							
	Area Weightage @ 6%	8.16							
	Total	144.16							
	Tender premium(+4.87%)	7.02							
		151.18							
23	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.21 / PWD SR -2014-15	sqm							
	A)Ground floor:-Ceiling		1	6.20	4.90		30.38		
			1	1.80	1.20		2.16		
	staire case waist slab in 1st flight		1	3.30	0.90		2.97		
	Landing		1	3.50	0.90		3.15		
			1	1.30	0.90		1.17		
	2nd flight		1	1.00	0.90		0.90		
			1	2.40	0.90		2.16		
							42.89	192.00	8235.00
	B)first floor:-Ceiling		1	6.20	4.90		30.38		
	staire case waist slab in 3rd flight		1	3.40	1.80		6.12		
	Landing		1	2.30	0.90		2.07		
	4th flight		1	1.05	1.80		1.89		
			1	2.40	0.90		2.16		
							42.62	195.65	8338.00
	Basic Rate	173.00							
	Lift charges	3.00							
		176.00							
	Area Weightage @ 6%	10.56							
	Total	186.56							
	Tender premium(+4.87%)	9.09							
		195.65							
24	KSRB 15.7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.33 / PWD SR 2014-15	sqm							
	A)G. floor:-Internal walls		2	6.20		3.00	37.20		
			2	4.90		3.00	29.40		
	Ceiling		1	6.20	4.90		30.38		

				1	1.80	1.20		2.16		
				1	3.30	0.90		2.97		
	staire case waist slab in 1st flight			1	3.50	0.90		3.15		
	Landing			1	1.30	0.90		1.17		
				1	1.00	0.90		0.90		
	2nd flight			1	2.40	0.90		2.16		
								109.49		
	Deductions									
	D			1	0.90		2.10	1.89		
	W			3	0.90		1.20	3.24		
								5.13		
								104.36	22.00	2296.00
	B)fist floor:-			2	6.20		3.00	37.20		
				2	4.90		3.00	29.40		
	B)first floor:-Ceiling			1	6.20	4.90		30.38		
				1	3.40	1.80		6.12		
	staire case waist slab in 3rd flight			1	2.30	0.90		2.07		
	Landing			1	1.05	1.80		1.89		
	4th flight			1	2.40	0.90		2.16		
								109.22		
	Deductions									
	D			1	0.90		2.10	1.89		
	W			3	0.90		1.20	3.24		
								5.13		
								104.09	25.57	2661.00
	Basic Rate	20.00								
	Lift charges	3.00								
		23.00								
	Area Weightage @ 6%	1.38								
	Total	24.38								
	Tender premium(+4.87%)	1.19								
		25.57								
25	Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 6000x600x10mm thick fixed on existing flooring wit ha special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. Page No. 104/ Item No. 14.43 / PWD SR 2014-15	sqm								
	A)Ground floor:-			1	6.20	4.90		30.38		
	skirting			2	6.20		0.15	1.86		
				2	4.90		0.15	1.47		
								33.71	1248.00	42070.00
	B)first floor:-			1	6.20	4.90		30.38		
	skirting			2	6.20		0.15	1.86		
				2	4.90		0.15	1.47		
								33.71	1250.02	42138.00

	Basic Rate	1123.00								
	Lift charges	1.50								
		1124.50								
	Area Weightage @ 6%	67.47								
	Total	1191.97								
	Tender premium(+4.87%)	58.05								
		1250.02								
26	Providing and laying pattern for flooring staircase, treadsand risers using thecombination of20mm thick blockgranite @ 76% 20mm thick grey granite @ 22% 20mm thick shiva gold granite 7% 20mm thick black granite2%. The granite meterials are laid on existing bed of CM 1:3.20mm thick pointed with colour pigment,including full rounding fornosing,flaming the ruby red granite for 50mm wide curingetc.Complete(p.117/14.48.1).	Sqm								
	A)Ground floor:-		1	4.00	1.80		7.20			
	Skirting		1	2.50	1.20		3.00			
			1	6.50		0.15	0.98			
	staire case waist slab in 1st flight		1	1.80		0.15	0.27			
			11	0.90	0.25		2.48			
	Landing		11	0.90		0.15	1.49			
			1	1.05	0.90		0.95			
	2nd flight		1	0.70	0.90		0.63			
			9	0.90	0.25		2.03			
			9	0.90		0.15	1.22			
	Basic Rate	2565.00					20.22	2851.31	57653.00	
	Area Weightage @ 6%	153.90								
	Total	2718.90								
	Tender premium(+4.87%)	132.41								
		2851.31								
	B)First floor:-		1	1.80	1.20		2.16			
	Skirting		1	3.30	0.90		2.97			
			1	1.80		0.15	0.27			
	staire case waist slab in 3rd flight		1	3.30		0.15	0.50			
			8	0.90	0.25		1.80			
	Landing		8	0.90		0.15	1.08			
	4th flight		1	0.80	1.80	0.15	0.12			
			9	0.90	0.25		2.03			
			9	0.90		0.15	1.22			
	Basic Rate	2565.00					12.14	2852.98	34621.00	
	Lift charges	1.50								
		2566.50								
	Area Weightage @ 6%	153.99								

	Total	2720.49							
	Tender premium(+4.87%)	132.49							
		2852.98							
27	Providing and applying Putty for filling holes(Material components Sl.No. 761, Code No. 0315, Page No. XXVII)	sqm							
	For Internal wall surface area			104.36			104.36		
							104.36		
			0.50kg/sqm				52.18	84.00	4383.00
28	KSRB 15.15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. Page No.113/ Item No. 15.51 / PWD SR 2014-15	sqm							
	Same Quantity as in Internal plastering			104.36			104.36	71.00	7410.00
	Same Quantity as in Internal plastering			104.09			104.09	74.48	7752.00
	Basic Rate	64.00							
	Lift charges	3.00							
		67.00							
	Area Weightage @ 6%	4.02							
	Total	71.02							
	Tender premium(+4.87%)	3.46							
		74.48							
29	KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. Page No. 114/ Item No. 15.53.2 / PWD SR 2014-15 with primer	sqm							
	A)G F:-External plastering QTY			87.39			87.39	71.00	6205.00

	B)F F:-				125.04			125.04	86.71	10842.00
	Basic Rate	75.00								
	Lift charges	3.00								
		78.00								
	Area Weightage @ 6%	4.68								
	Total	82.68								
	Tender premium(+4.87%)	4.03								
		86.71								
30	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No. 115/ Item No. 15.60 / PWD SR 2014-15	sqm								
	A)Ground floor:-Door		1	0.90		2.10	1.89			
	W		3	0.90		1.20	3.24			
							5.13	86.00	441.00	
	A)Ground floor:-Door		1	0.90		2.10	1.89			
	W		3	0.90		1.20	3.24			
							5.13	90.04	462.00	
	Basic Rate	78.00								
	Lift charges	3.00								
		81.00								
	Area Weightage @ 6%	4.86								
	Total	85.86								
	Tender premium(+4.87%)	4.18								
		90.04								
31	KSRB 7.9: Providing and fixing M.S. Grill work for windows and ventilators weighing 21kg/sqm using M.S Flats or M.S. Square roads, or combination of M.S. flats and quare roads as per approved design drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12	Kg's								
	staire case waist slab in 1st flight		2	3.50		0.75	5.25			
	Landing		1	1.30		0.75	0.98			
	2nd flight		1	2.40		0.75	1.80			
							8.03			

							168.53	100.05	16860.00
	Basic Rate	90.00							
	Area Weightage @ 6%	5.40							
	Total	95.40							
	Tender premium(+4.87%)	4.65							
		100.05							
	B)First floor:-								
	staire case waist slab in 3rd flight		2	2.30		0.75	3.45		
	Landing		1	1.05		0.75	0.79		
	4th flight		1	2.40		0.75	1.80		
							6.04		
							126.79	105.60	13389.00
	Basic Rate	90.00							
	Lift charges	5.00							
		95.00							
	Area Weightage @ 6%	5.70							
	Total	100.70							
	Tender premium(+4.87%)	4.90							
		105.60							
32	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P42/8.19)	Rmtr							
			2	6.60			13.20		
		A)Up to125% of quantity					12.50	130.00	1625.00
		B)Above 125% of quantity					0.70	628.07	440.00
	Basic Rate	565.00							
	Area Weightage @ 6%	33.90							
	Total	598.90							
	Tender premium(+4.87%)	29.17							
		628.07							
	B) Electrification work								
33	Supplying and wiring adopting loop system in exisiting PVC conduit/casing caping using copper PVC insulated multi standard 2x1.5sqm copper wire with the 6 amps flush type SP control switch shall be fixied on the exisiting plastic sheet / gang box, the other end	P/Mtr							
			12				12.00	220.00	2640.00

34	Supplying 6A flush / Protected type socket and a 6 amps flush / projected type SP switch either surface mounting in a exisiting gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires	Each							
35	Supply and fixing of bakelite D.P/Socket/switchwith /without neon indicator over exiting wood board or flush mounting in plastic plates / niches-I using Group A Material.	Each	10				10.00	90.00	900.00
	c) 16 Amps flush type Universal socket.		9				9.00	95.00	855.00
36	Supplying 4 mm thick plastic sheet with necessry nitches for fixing switches regulators etc.., and fixing on exisiting wooden pr metal box using N.F.screws	P/sqm	1	1800			1800.00	0.20	360.00
37	POINT WIRING USING COPPER WIRE WITH SWITCH Supplying ad wiring adopting , loop system in existing PVC conduit / casing caping using copper PVC insulated multi strand 2x1.5 sq.mm copper wire with a 6 Amps flush on the exisiting II Point wire using class B Material.								
	a) Short point upto 3mtr from tapping point to our let via switch	Each	6				6.00	140.00	840.00
	b) Medium point above 3mtrs upto 6 mtr from tapping point to cut let via switch.	Each	3				3.00	220.00	660.00
	c) Long point above 6 mtrs to 10 mtrs from tapping point to out let via switch.	Each	2				2.00	325.00	650.00
38	Wiring for lighting / power circuit using one of PVC indulated 1100 v grade, multi and copper conductor single core cable in open or concealed system of wiring : I Group - A Materials								
	d) 4 sqmm	P/Mtr	1	25			25.00	30.00	750.00
	f) 10 sqmm	P/Mtr	1	10			10.00	85.00	850.00

39	Supplying heavy guage PVC conduit pipe.., Dia confirming to IS 2509 with suitable size bends, jnction boxes, adhesive paste etc.., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls.								
	a) 19/20m dia 2mm thick	P/Mtr	1	25			25.00	32.00	800.00
	b) 25mm dia 2mm thick	P/Mtr	1	10			10.00	43.00	430.00
40	Supplying and fixing sheet metal box made out of 18 SWG sheet with necessary holes for cable / conduict entry as required with one coat of primer of approved make etc. (P.02) (Sl.No-04)(ch-01)								
	b) 100x75x65mm	Each	4				4.00	72.00	288.00
	d) 180x90x65mm.	Each	2				2.00	113.00	226.00
41	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting necessary masonry patch work complete(Ch-01) (P.03) (Sl.No-06)								
	a) 12x"12x"3(300x300x76mm)	Each	1				1.00	90.00	90.00
	c) 10"x7"3"(254x178x76mm)	Each	2				2.00	60.00	120.00
42	Supplying patty type flourscent tube light fitting of 4'-36/40 watts fluorecsent tube fitting.., made out of M.S Sheet and stove enameled with low loss open construction copper wound ferrmagnetstic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wires for use on 230 vo;lts A C supply inluding I No 4'- 36/40 watts fluorescent tube.- Groub-b II.2x4'36/40 Watts								
	a) Group A	Each	3				3.00	950.00	2850.00
43	Wiring for lighting / power circuit using one of PVC indulated 1100 v grade, multi and copper conductor single core cable in open or concealed system of wiring : I Group - A Materials c) 2.5 sqmm	P/mtr	1	12			12.00	21.00	252.00
44	Supplying and fixing HRC fuse link on exisiting switch fuse base ec) 125 amps	Each	2				2.00	420.00	840.00

45	Supplying and fixing minitrature circuit breakers on existing MCB distribuution boards using necessary fixing materils and wiring complete as required - A) 5-32 amps S.P(1) Group A	Each	1				1.00	540.00	540.00
46	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class b,50 mm	P/mtr	1	2			2.00	260.00	520.00
47	Supplying and fixing angles iron frame work fabricated out of M.S.angle iron.., and M.S.flat.., with washers etc., and painted with two coats of red oxide and then two coats of approved paint a) 40x40x6 mm	P/mtr	1	2			2.00	210.00	420.00
48	Fixing all type and all capacities fluorescent / false ceiling/spot light/CFL indoor on the walls / ceilin g / rates/girders uising 23/0.0076" twins twisted PVC insulted wires, required nos of round blcoks and clamps (if requied) a) On wall/ceiling	Each	3				3.00	85.00	255.00
49	Bescom deposite							L/s	18000.00
	1% Quality control charges								1527839.99
50	Miscellaneous charges								15278.40
									381.61
	(Rupees Fifteen Lakhs forty three thousand five hundred Only)							Total	1543500.00

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

" Modified Estimate is Approved "

08-10-15